

Applicant: Nestor RODRIGUEZ-AMAYA et al.
Docket No. R.307522
Preliminary Amdt.

NEW ABSTRACT:

Please replace the original abstract with the following new abstract:

Abstract of the Disclosure

A high-pressure pump having a pump element a pump piston driven in a reciprocating motion and defining a pump work chamber into which fuel is aspirated from a fuel inlet during the intake stroke via an inlet valve, and from which fuel is positively displaced via an outlet valve during the pumping stroke. The inlet valve has a valve member which with a sealing face inclined relative to its longitudinal axis, cooperates with a valve seat disposed in a valve housing when the sealing face of valve member is lifted from the valve seat, a flow cross section between the valve member and the valve housing is opened between the fuel inlet and the pump work chamber. In the opened state, a region having the smallest flow cross section between the valve member and the valve housing is disposed downstream, of the sealing face of the valve member .